

For Immediate Release

Mouser Electronics and Avalanche Technology Announce Global Distribution Agreement

March 15, 2021 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, announces a global distribution agreement with [Avalanche Technology](http://www.avalanchemicro.com), the leading developer of next-generation magneto-resistive random-access memory (MRAM) technology. According to the agreement, Mouser will offer customers Avalanche Technology's memory solutions for [industrial](#) automation and [Internet of Things](#) (IoT) applications.

Avalanche Technology's [serial Persistent SRAM \(P-SRAM\)](#) devices are spin transfer torque magneto-resistive RAM (STT-MRAM) solutions that support Serial Peripheral Interface (SPI) with both single (108 MHz) and double (54 MHz) data rate modes. The P-SRAM devices are available in densities of 1 Mbit to 16 Mbits and in small footprint packages (8-pin SOIC, 8-pad WSON, and 24-ball FBGA) compatible with similar non-volatile and volatile products.

The company's [parallel P-SRAM](#) devices are STT-MRAM devices offering [low power](#), low latency, high performance, and virtually infinite endurance and data retention. The Parallel P-SRAM memory devices offer true random-access memory, available in densities ranging from 1 Mbit to 32 Mbits, allowing reads and writes to occur randomly. The devices are a suitable choice for applications that require storing and retrieving data without large latency penalties.

To learn more, visit <https://www.mouser.com/manufacturer/avalanche-technology/>.

As a global authorized distributor, Mouser offers the world's widest selection of the newest semiconductors and electronic components — in stock and ready to ship. Mouser's customers can expect 100% certified, genuine products that are fully traceable from each of its manufacturer partners. To help speed customers' designs, Mouser's website hosts an extensive library of technical resources, including a [Technical Resource Center](#), along with product data sheets, supplier-specific reference designs, application notes, technical design information, engineering tools and other helpful information.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an authorized semiconductor and electronic component distributor focused on New Product Introductions from its leading manufacturer partners. Serving the global electronic design engineer and buyer community, the global distributor's website, mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 1,100 manufacturer brands. Mouser offers 27 support locations worldwide to provide best-in-class customer service in local language, currency and time zone. The distributor ships to over 630,000 customers in 223 countries/territories from its 1 million-square-foot, state-of-the-art distribution facilities in the Dallas, Texas, metro area. For more information, visit <https://www.mouser.com/>.

About Avalanche Technology Inc.

Avalanche Technology Inc. is the world leader in next generation Perpendicular STT-MRAM technology, accepted as the front-runner to replace traditional Flash and SRAM for unified memory architectures in future SOC systems, delivering high performance and low power at 55, 40 and 28nm with scalability to 22 and 14nm. With a proven STT-MRAM portfolio at multiple geometry nodes combined with an intellectual property portfolio of over 300 patents and applications, Avalanche Technology is delivering on the promise of enabling the next generation of scalable embedded unified memory architecture for use in GPUs, MCUs, DSPs, ASSPs and ASICs, making it the true "Next Generation MRAM Company". For more information, visit <https://www.avalanche-technology.com>.

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